

WO 00/68380

## SEQUENCE LISTING

&lt;110&gt; INCYTE PHARMACEUTICALS, INC.

BANDMAN, Olga  
 HILLMAN, Jennifer L.  
 TANG, Y. Tom  
 LAL, Preeti  
 YUE, Henry  
 BAUGHN, Mariah R.  
 LU, Dyung Aina M.  
 AZIMZAI, Yalda

&lt;120&gt; EXTRACELLULAR MATRIX AND ADHESION-ASSOCIATED PROTEINS

&lt;130&gt; PF-0693 PCT

&lt;140&gt; To Be Assigned

&lt;141&gt; Herewith

<150> 60/133,643; 60/150,409  
 <151> 1999-05-11; 1999-08-23

&lt;160&gt; 50

&lt;170&gt; PERL Program

&lt;210&gt; 1

&lt;211&gt; 309

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 398269CD1

&lt;400&gt; 1

Met	Val	Phe	Pro	Ala	Lys	Arg	Phe	Cys	Leu	Val	Pro	Ser	Met	Glu
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Gly	Val	Arg	Trp	Ala	Phe	Ser	Cys	Gly	Thr	Trp	Leu	Pro	Ser	Arg
						20			25				30	
Ala	Glu	Trp	Leu	Leu	Ala	Val	Arg	Ser	Ile	Gln	Pro	Glu	Glu	Lys
						35			40				45	
Glu	Arg	Ile	Gly	Gln	Phe	Val	Phe	Ala	Arg	Asp	Ala	Lys	Ala	Ala
					50				55				60	
Met	Ala	Gly	Arg	Leu	Met	Ile	Arg	Lys	Leu	Val	Ala	Glu	Lys	Leu
					65				70				75	
Asn	Ile	Pro	Trp	Asn	His	Ile	Arg	Leu	Gln	Arg	Thr	Ala	Lys	Gly
					80				85				90	
Lys	Pro	Val	Leu	Ala	Lys	Asp	Ser	Ser	Asn	Pro	Tyr	Pro	Asn	Phe
					95				100				105	
Asn	Phe	Asn	Ile	Ser	His	Gln	Gly	Asp	Tyr	Ala	Val	Leu	Ala	Ala
					110				115				120	
Glu	Pro	Glu	Leu	Gln	Val	Gly	Ile	Asp	Ile	Met	Lys	Thr	Ser	Phe
					125				130				135	
Pro	Gly	Arg	Gly	Ser	Ile	Pro	Glu	Phe	Phe	His	Ile	Met	Lys	Arg
					140				145				150	
Lys	Phe	Thr	Asn	Lys	Glu	Trp	Glu	Thr	Ile	Arg	Ser	Phe	Lys	Asp
					155				160				165	
Glu	Trp	Thr	Gln	Leu	Asp	Met	Phe	Tyr	Arg	Asn	Trp	Ala	Leu	Lys
					170				175				180	
Glu	Ser	Phe	Ile	Lys	Ala	Ile	Gly	Val	Gly	Leu	Gly	Phe	Glu	Leu
					185				190				195	
Gln	Arg	Leu	Glu	Phe	Asp	Leu	Ser	Pro	Leu	Asn	Leu	Asp	Ile	Gly
					200				205				210	
Gln	Val	Tyr	Lys	Glu	Thr	Arg	Leu	Phe	Leu	Asp	Gly	Glu	Glu	
					215				220				225	
Lys	Glu	Trp	Ala	Phe	Glu	Glu	Ser	Lys	Ile	Asp	Glu	His	His	Phe

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Val Ala Val Ala	Leu Arg Lys Pro Asp	Gly Ser Arg His Gln Asp	230	235	240
245	250	255			
Val Pro Ser Gln Asp Asp Ser Lys Pro	Thr Gln Arg Gln Phe Thr	260	265	270	
275	280	285			
Pro Glu Asp Pro Ser Phe Trp Asp Cys	Phe Cys Phe Thr Glu Glu	290	295	300	
Ile Pro Ile Arg Asn Gly Thr Lys Ser		305			

<210> 2  
<211> 554  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 1258888CD1

Met Pro Leu Pro Trp Ser Leu Ala Leu Pro	Leu Leu Leu Ser Trp	1	5	10	15
Val Ala Gly Gly Phe Gly Asn Ala Ala	Ser Ala Arg His His Gly	20	25	30	
Leu Leu Ala Ser Ala Arg Gln Pro Gly Val	Cys His Tyr Gly Thr	35	40	45	
Lys Leu Ala Cys Cys Tyr Gly Trp Arg Arg	Asn Ser Lys Gly Val	50	55	60	
Cys Glu Ala Thr Cys Glu Pro Gly Cys Lys	Phe Gly Glu Cys Val	65	70	75	
Gly Pro Asn Lys Cys Arg Cys Phe Pro	Gly Tyr Thr Gly Lys Thr	80	85	90	
Cys Ser Gln Asp Val Asn Glu Cys Gly	Met Lys Pro Arg Pro Cys	95	100	105	
Gln His Arg Cys Val Asn Thr His Gly	Ser Tyr Lys Cys Phe Cys	110	115	120	
Leu Ser Gly His Met Leu Met Pro Asp	Ala Thr Cys Val Asn Ser	125	130	135	
Arg Thr Cys Ala Met Ile Asn Cys Gln	Tyr Ser Cys Glu Asp Thr	140	145	150	
Glu Glu Gly Pro Gln Cys Leu Cys Pro	Ser Ser Gly Leu Arg Leu	155	160	165	
Ala Pro Asn Gly Arg Asp Cys Leu Asp	Ile Asp Glu Cys Ala Ser	170	175	180	
Gly Lys Val Ile Cys Pro Tyr Asn Arg	Arg Cys Val Asn Thr Phe	185	190	195	
Gly Ser Tyr Tyr Cys Lys Cys His Ile	Gly Phe Glu Leu Gln Tyr	200	205	210	
Ile Ser Gly Arg Tyr Asp Cys Ile Asp	Ile Asn Glu Cys Thr Met	215	220	225	
Asp Ser His Thr Cys Ser His His Ala	Asn Cys Phe Asn Thr Gln	230	235	240	
Gly Ser Phe Lys Cys Lys Cys Lys Gln	Gly Tyr Lys Gly Asn Gly	245	250	255	
Leu Arg Cys Ser Ala Ile Pro Glu Asn	Ser Val Lys Glu Val Leu	260	265	270	
Arg Ala Pro Gly Thr Ile Lys Asp Arg	Ile Lys Lys Leu Leu Ala	275	280	285	
His Lys Asn Ser Met Lys Lys Lys Ala	Lys Ile Lys Asn Val Thr	290	295	300	
Pro Glu Pro Thr Arg Thr Pro Thr Pro	Lys Val Asn Leu Gln Pro	305	310	315	
Phe Asn Tyr Glu Glu Ile Val Ser Arg	Gly Gly Asn Ser His Gly	320	325	330	
Gly Lys Lys Gly Asn Glu Glu Lys Met	Lys Glu Gly Leu Glu Asp	335	340	345	

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Glu Lys Arg Glu Glu Lys Ala Leu Lys Asn Asp Ile Glu Glu Arg  
 350 355 360  
 Ser Leu Arg Gly Asp Val Phe Phe Pro Lys Val Asn Glu Ala Gly  
 365 370 375  
 Glu Phe Gly Leu Ile Leu Val Gln Arg Lys Ala Leu Thr Ser Lys  
 380 385 390  
 Leu Glu His Lys Ala Asp Leu Asn Ile Ser Val Asp Cys Ser Phe  
 395 400 405  
 Asn His Gly Ile Cys Asp Trp Lys Gln Asp Arg Glu Asp Asp Phe  
 410 415 420  
 Asp Trp Asn Pro Ala Asp Arg Asp Asn Ala Ile Gly Phe Tyr Met  
 425 430 435  
 Ala Val Pro Ala Leu Ala Gly His Lys Lys Asp Ile Gly Arg Leu  
 440 445 450  
 Lys Leu Leu Leu Pro Asp Leu Gln Pro Gln Ser Asn Phe Cys Leu  
 455 460 465  
 Leu Phe Asp Tyr Arg Leu Ala Gly Asp Lys Val Gly Lys Leu Arg  
 470 475 480  
 Val Phe Val Lys Asn Ser Asn Asn Ala Leu Ala Trp Glu Lys Thr  
 485 490 495  
 Thr Ser Glu Asp Glu Lys Trp Lys Thr Gly Lys Ile Gln Leu Tyr  
 500 505 510  
 Gln Gly Thr Asp Ala Thr Lys Ser Ile Ile Phe Glu Ala Glu Arg  
 515 520 525  
 Gly Lys Gly Lys Thr Gly Glu Ile Ala Val Asp Gly Val Leu Leu  
 530 535 540  
 Val Ser Gly Leu Cys Pro Asp Ser Leu Leu Ser Val Asp Asp  
 545 550

&lt;210&gt; 3

&lt;211&gt; 482

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 1375891CD1

&lt;400&gt; 3

Met Gly Cys Leu Trp Gly Leu Ala Leu Pro Leu Phe Phe Cys  
 1 5 10 15  
 Trp Glu Val Gly Val Ser Gly Ser Ser Ala Gly Pro Ser Thr Arg  
 20 25 30  
 Arg Ala Asp Thr Ala Met Thr Thr Asp Asp Thr Glu Val Pro Ala  
 35 40 45  
 Met Thr Leu Ala Pro Gly His Ala Ala Leu Glu Thr Gln Thr Leu  
 50 55 60  
 Ser Ala Glu Thr Ser Ser Arg Ala Ser Thr Pro Ala Gly Pro Ile  
 65 70 75  
 Pro Glu Ala Glu Thr Arg Gly Ala Lys Arg Ile Ser Pro Ala Arg  
 80 85 90  
 Glu Thr Arg Ser Phe Thr Lys Thr Ser Pro Asn Phe Met Val Leu  
 95 100 105  
 Ile Ala Thr Ser Val Glu Thr Ser Ala Ala Ser Gly Ser Pro Glu  
 110 115 120  
 Gly Ala Gly Met Thr Thr Val Gln Thr Ile Thr Gly Ser Asp Pro  
 125 130 135  
 Glu Glu Ala Ile Phe Asp Thr Leu Cys Thr Asp Asp Ser Ser Glu  
 140 145 150  
 Glu Ala Lys Thr Leu Thr Met Asp Ile Leu Thr Leu Ala His Thr  
 155 160 165  
 Ser Thr Glu Ala Lys Gly Leu Ser Ser Glu Ser Ser Ala Ser Ser  
 170 175 180  
 Asp Gly Pro His Pro Val Ile Thr Pro Ser Arg Ala Ser Glu Ser  
 185 190 195  
 Ser Ala Ser Ser Asp Gly Pro His Pro Val Ile Thr Pro Ser Arg  
 200 205 210  
 Ala Ser Glu Ser Ser Ala Ser Ser Asp Gly Pro His Pro Val Ile

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	215		220		225
Thr Pro Ser Trp	Ser	Pro Gly Ser Asp	Val	Thr Leu Leu Ala	Glu
	230		235		240
Ala Leu Val Thr	Val	Thr Asn Ile Glu	Val	Ile Asn Cys Ser	Ile
	245		250		255
Thr Glu Ile Glu	Thr	Thr Thr Ser Ser	Ile	Pro Gly Ala Ser	Asp
	260		265		270
Ile Asp Leu Ile	Pro	Thr Glu Gly Val	Lys	Ala Ser Ser Thr	Ser
	275		280		285
Asp Pro Pro Ala	Leu	Pro Asp Ser Thr	Glu	Ala Lys Pro His	Ile
	290		295		300
Thr Glu Val Thr	Ala	Ser Ala Glu Thr	Leu	Ser Thr Ala Gly	Thr
	305		310		315
Thr Glu Ser Ala	Ala	Pro His Ala Thr	Val	Gly Thr Pro Leu	Pro
	320		325		330
Thr Asn Ser Ala	Thr	Glu Arg Glu Val	Thr	Ala Pro Gly Ala	Thr
	335		340		345
Thr Leu Ser Gly	Ala	Leu Val Thr Val	Ser	Arg Asn Pro Leu	Glu
	350		355		360
Glu Thr Ser Ala	Leu	Ser Val Glu Thr	Pro	Ser Tyr Val Lys	Val
	365		370		375
Ser Gly Ala Ala	Pro	Val Ser Ile Glu	Ala	Gly Ser Ala Val	Gly
	380		385		390
Lys Thr Thr Ser	Phe	Ala Gly Ser Ser	Ala	Ser Ser Tyr Ser	Pro
	395		400		405
Ser Glu Ala Ala	Leu	Lys Asn Phe Thr	Pro	Ser Glu Thr Pro	Thr
	410		415		420
Met Asp Ile Ala	Thr	Lys Gly Pro Phe	Pro	Thr Ser Arg Asp	Pro
	425		430		435
Leu Pro Ser Val	Pro	Pro Thr Thr Asn	Ser	Ser Arg Gly	Thr
	440		445		450
Asn Ser Thr Leu	Ala	Lys Ile Thr Thr	Ser	Ala Lys Thr Thr	Met
	455		460		465
Lys Pro Gln Gln	Pro	Arg Pro Arg Leu	Pro	Gly Arg Gly Arg	Pro
	470		475		480
Gln Thr					

<210> 4  
<211> 735  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 1524355CD1

	<400> 4		
Met Ala Ala Gly Gly	Ala Val Ala Ala Ala	Pro Glu Cys Arg Leu	
1	5	10	15
Leu Pro Tyr Ala Leu	His Lys Trp Ser Ser	Phe Ser Ser Thr Tyr	
	20	25	30
Leu Pro Glu Asn Ile	Leu Val Asp Lys	Pro Asn Asp Gln Ser Ser	
	35	40	45
Arg Trp Ser Ser Glu	Ser Asn Tyr Pro Pro	Gln Tyr Leu Ile Leu	
	50	55	60
Lys Leu Glu Arg Pro	Ala Ile Val Gln Asn	Ile Thr Phe Gly Lys	
	65	70	75
Tyr Glu Lys Thr His	Val Cys Asn Leu Lys	Lys Phe Lys Val Phe	
	80	85	90
Gly Gly Met Asn Glu	Glu Asn Met Thr	Glu Leu Leu Ser Ser Gly	
	95	100	105
Leu Lys Asn Asp Tyr	Asn Lys Glu Thr	Phe Thr Leu Lys His Lys	
	110	115	120
Ile Asp Glu Gln Met	Phe Pro Cys Arg	Phe Ile Lys Ile Val Pro	
	125	130	135
Leu Leu Ser Trp Gly	Pro Ser Phe Asn	Phe Ser Ile Trp Tyr Val	
	140	145	150

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Glu Leu Ser Gly Ile Asp Asp Pro Asp Ile Val Gln Pro Cys Leu  
 155 160 165  
 Asn Trp Tyr Ser Lys Tyr Arg Glu Gln Glu Ala Ile Arg Leu Cys  
 170 175 180  
 Leu Lys His Phe Arg Gln His Asn Tyr Thr Glu Ala Phe Glu Ser  
 185 190 195  
 Leu Gln Lys Lys Thr Lys Ile Ala Leu Glu His Pro Met Leu Thr  
 200 205 210  
 Asp Ile His Asp Lys Leu Val Leu Lys Gly Asp Phe Asp Ala Cys  
 215 220 225  
 Glu Glu Leu Ile Glu Lys Ala Val Asn Asp Gly Leu Phe Asn Gln  
 230 235 240  
 Tyr Ile Ser Gln Gln Glu Tyr Lys Pro Arg Trp Ser Gln Ile Ile  
 245 250 255  
 Pro Lys Ser Thr Lys Gly Asp Gly Glu Asp Asn Arg Pro Gly Met  
 260 265 270  
 Arg Gly Gly His Gln Met Val Ile Asp Val Gln Thr Glu Thr Val  
 275 280 285  
 Tyr Leu Phe Gly Gly Trp Asp Gly Thr Gln Asp Leu Ala Asp Phe  
 290 295 300  
 Trp Ala Tyr Ser Val Lys Glu Asn Gln Trp Thr Cys Ile Ser Arg  
 305 310 315  
 Asp Thr Glu Lys Glu Asn Gly Pro Ser Ala Arg Ser Cys His Lys  
 320 325 330  
 Met Cys Ile Asp Ile Gln Arg Arg Gln Ile Tyr Thr Leu Gly Arg  
 335 340 345  
 Tyr Leu Asp Ser Ser Val Arg Asn Ser Lys Ser Leu Lys Ser Asp  
 350 355 360  
 Phe Tyr Arg Tyr Asp Ile Asp Thr Asn Thr Trp Met Leu Leu Ser  
 365 370 375  
 Glu Asp Thr Ala Ala Asp Gly Gly Pro Lys Leu Val Phe Asp His  
 380 385 390  
 Gln Met Cys Met Asp Ser Glu Lys His Met Ile Tyr Thr Phe Gly  
 395 400 405  
 Gly Arg Ile Leu Thr Cys Asn Gly Ser Val Asp Asp Ser Arg Ala  
 410 415 420  
 Ser Glu Pro Gln Phe Ser Gly Leu Phe Ala Phe Asn Cys Gln Cys  
 425 430 435  
 Gln Thr Trp Lys Leu Leu Arg Glu Asp Ser Cys Asn Ala Gly Pro  
 440 445 450  
 Glu Asp Ile Gln Ser Arg Ile Gly His Cys Met Leu Phe His Ser  
 455 460 465  
 Lys Asn Arg Cys Leu Tyr Val Phe Gly Gly Gln Arg Ser Lys Thr  
 470 475 480  
 Tyr Leu Asn Asp Phe Phe Ser Tyr Asp Val Asp Ser Asp His Val  
 485 490 495  
 Asp Ile Ile Ser Asp Gly Thr Lys Lys Asp Ser Gly Met Val Pro  
 500 505 510  
 Met Thr Gly Phe Thr Gln Arg Ala Thr Ile Asp Pro Glu Leu Asn  
 515 520 525  
 Glu Ile His Val Leu Ser Gly Leu Ser Lys Asp Lys Glu Lys Arg  
 530 535 540  
 Glu Glu Asn Val Arg Asn Ser Phe Trp Ile Tyr Asp Ile Val Arg  
 545 550 555  
 Asn Ser Trp Ser Cys Val Tyr Lys Asn Asp Gln Ala Ala Lys Asp  
 560 565 570  
 Asn Pro Thr Lys Ser Leu Gln Glu Glu Glu Pro Cys Pro Arg Phe  
 575 580 585  
 Ala His Gln Leu Val Tyr Asp Glu Leu His Lys Val His Tyr Leu  
 590 595 600  
 Phe Gly Gly Asn Pro Gly Lys Ser Cys Ser Pro Lys Met Arg Leu  
 605 610 615  
 Asp Asp Phe Trp Ser Leu Lys Leu Cys Arg Pro Ser Lys Asp Tyr  
 620 625 630  
 Leu Leu Arg His Cys Lys Tyr Leu Ile Arg Lys His Arg Phe Glu  
 635 640 645  
 Glu Lys Ala Gln Val Asp Pro Leu Ser Ala Leu Lys Tyr Leu Gln

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	650	655	660
Asn Asp Leu Tyr	Ile Thr Val Asp His	Ser Asp Pro Glu Glu	Thr
	665	670	675
Lys Glu Phe Gln	Leu Leu Ala Ser Ala	Leu Phe Lys Ser Gly	Ser
	680	685	690
Asp Phe Thr Ala	Leu Gly Phe Ser Asp	Val Asp His Thr Tyr	Ala
	695	700	705
Gln Arg Thr Gln	Leu Phe Asp Thr Leu	Val Asn Phe Phe Pro	Asp
	710	715	720
Ser Met Thr Pro	Pro Lys Gly Asn Leu	Val Asp Leu Ile Thr	Leu
	725	730	735

<210> 5  
<211> 424  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 1598937CD1

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Phe Trp Glu Ala Gly	Asn Tyr Arg Arg	Thr Val Gln Arg Val	Glu
	20	25	30
Asp Gly His Arg	Leu Cys Gly Asp	Leu Val Ser Cys Phe	Gln Glu
	35	40	45
Arg Ala Arg Ile Glu	Lys Ala Tyr Ala	Gln Gln Leu Ala Asp	Trp
	50	55	60
Ala Arg Lys Trp Arg	Gly Thr Val Glu	Lys Gly Pro Gln Tyr	Gly
	65	70	75
Thr Leu Glu Lys Ala	Trp His Ala Phe	Phe Thr Ala Ala Glu	Arg
	80	85	90
Leu Ser Ala Leu His	Leu Glu Val Arg	Glu Lys Leu Gln Gly	Gln
	95	100	105
Asp Ser Glu Arg Val	Arg Ala Trp Gln	Arg Gly Ala Phe His	Arg
	110	115	120
Pro Val Leu Gly Gly	Phe Arg Glu Ser	Arg Ala Ala Glu Asp	Gly
	125	130	135
Phe Arg Lys Ala Gln	Lys Pro Trp Leu	Lys Arg Leu Lys Glu	Val
	140	145	150
Glu Ala Ser Lys Lys	Ser Tyr His Ala	Ala Arg Lys Asp Glu	Lys
	155	160	165
Thr Ala Gln Thr Arg	Glu Ser His Ala	Lys Ala Asp Ser Ala	Val
	170	175	180
Ser Gln Glu Gln Leu	Arg Lys Leu Gln	Glu Arg Val Glu Arg	Cys
	185	190	195
Ala Lys Glu Ala Glu	Lys Thr Lys Ala	Gln Tyr Glu Gln Thr	Leu
	200	205	210
Ala Glu Leu His Arg	Tyr Thr Pro Arg	Tyr Met Glu Asp Met	Glu
	215	220	225
Gln Ala Phe Glu Thr	Cys Gln Ala Ala	Glu Arg Gln Arg Leu	Leu
	230	235	240
Phe Phe Lys Asp Met	Leu Leu Thr Leu	His Gln His Leu Asp	Leu
	245	250	255
Ser Ser Ser Glu Lys	Phe His Glu Leu	His Arg Asp Leu His	Gln
	260	265	270
Gly Ile Glu Ala Ala	Ser Asp Glu Glu	Asp Leu Arg Trp Trp	Arg
	275	280	285
Ser Thr His Gly Pro	Gly Met Ala Met	Asn Trp Pro Gln Phe	Glu
	290	295	300
Glu Trp Ser Leu Asp	Thr Gln Arg Thr	Ile Ser Arg Lys Glu	Lys
	305	310	315
Gly Gly Arg Ser Pro	Asp Glu Val Thr	Leu Thr Ser Ile Val	Pro
	320	325	330
Thr Arg Asp Gly Thr	Ala Pro Pro Pro	Gln Ser Pro Gly Ser	Pro
	335	340	345

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Gly Thr Gly Gln Asp Glu Glu Trp Ser Asp Glu Glu Ser Pro Arg  
           350           355           360  
 Lys Ala Ala Thr Gly Val Arg Val Arg Ala Leu Tyr Asp Tyr Ala  
           365           370           375  
 Gly Gln Glu Ala Asp Glu Leu Ser Phe Arg Ala Gly Glu Glu Leu  
           380           385           390  
 Leu Lys Met Ser Glu Glu Asp Glu Gln Gly Trp Cys Gln Gly Gln  
           395           400           405  
 Leu Gln Ser Gly Arg Ile Gly Leu Tyr Pro Ala Asn Tyr Val Glu  
           410           415           420  
 Cys Val Gly Ala

<210> 6  
<211> 420  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 1725801CD1

<400> 6

Met	Ala	Pro	Trp	Pro	Pro	Lys	Gly	Leu	Val	Pro	Ala	Val	Leu	Trp
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Gly	Leu	Ser	Leu	Phe	Leu	Asn	Leu	Pro	Gly	Pro	Ile	Trp	Leu	Gln
				20					25					30
Pro	Ser	Pro	Pro	Pro	Gln	Ser	Ser	Pro	Pro	Pro	Gln	Pro	His	Pro
				35					40					45
Cys	His	Thr	Cys	Arg	Gly	Leu	Val	Asp	Ser	Phe	Asn	Lys	Gly	Leu
				50					55					60
Glu	Arg	Thr	Ile	Arg	Asp	Asn	Phe	Gly	Gly	Gly	Asn	Thr	Ala	Trp
				65					70					75
Glu	Glu	Glu	Asn	Leu	Ser	Lys	Tyr	Lys	Asp	Ser	Glu	Thr	Arg	Leu
				80					85					90
Val	Glu	Val	Leu	Glu	Gly	Val	Cys	Ser	Lys	Ser	Asp	Phe	Glu	Cys
				95					100					105
His	Arg	Leu	Leu	Glu	Leu	Ser	Glu	Glu	Leu	Val	Glu	Ser	Trp	Trp
				110					115					120
Phe	His	Lys	Gln	Gln	Glu	Ala	Pro	Asp	Leu	Phe	Gln	Trp	Leu	Cys
				125					130					135
Ser	Asp	Ser	Leu	Lys	Leu	Cys	Cys	Pro	Ala	Gly	Thr	Phe	Gly	Pro
				140					145					150
Ser	Cys	Leu	Pro	Cys	Pro	Gly	Gly	Thr	Glu	Arg	Pro	Cys	Gly	Gly
				155					160					165
Tyr	Gly	Gln	Cys	Glu	Gly	Glu	Gly	Thr	Arg	Gly	Gly	Ser	Gly	His
				170					175					180
Cys	Asp	Cys	Gln	Ala	Gly	Tyr	Gly	Gly	Glu	Ala	Cys	Gly	Gln	Cys
				185					190					195
Gly	Leu	Gly	Tyr	Phe	Glu	Ala	Glu	Arg	Asn	Ala	Ser	His	Leu	Val
				200					205					210
Cys	Ser	Ala	Cys	Phe	Gly	Pro	Cys	Ala	Arg	Cys	Ser	Gly	Pro	Glu
				215					220					225
Glu	Ser	Asn	Cys	Leu	Gln	Cys	Lys	Lys	Gly	Trp	Ala	Leu	His	His
				230					235					240
Leu	Lys	Cys	Val	Asp	Ile	Asp	Glu	Cys	Gly	Thr	Glu	Gly	Ala	Asn
				245					250					255
Cys	Gly	Ala	Asp	Gln	Phe	Cys	Val	Asn	Thr	Glu	Gly	Ser	Tyr	Glu
				260					265					270
Cys	Arg	Asp	Cys	Ala	Lys	Ala	Cys	Leu	Gly	Cys	Met	Gly	Ala	Gly
				275					280					285
Pro	Gly	Arg	Cys	Lys	Lys	Cys	Ser	Pro	Gly	Tyr	Gln	Gln	Val	Gly
				290					295					300
Ser	Lys	Cys	Leu	Asp	Val	Asp	Glu	Cys	Glu	Thr	Glu	Val	Cys	Pro
				305					310					315
Gly	Glu	Asn	Lys	Gln	Cys	Glu	Asn	Thr	Glu	Gly	Gly	Tyr	Arg	Cys
				320					325					330
Ile	Cys	Ala	Glu	Gly	Tyr	Lys	Gln	Met	Glu	Gly	Ile	Cys	Val	Lys

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335	340	345
Glu Gln Ile Pro Glu Ser Ala Gly Phe Phe Ser Glu Met Thr Glu		
350	355	360
Asp Glu Leu Val Val Leu Gln Gln Met Phe Phe Gly Ile Ile Ile		
365	370	375
Cys Ala Leu Ala Thr Leu Ala Ala Lys Gly Asp Leu Val Phe Thr		
380	385	390
Ala Ile Phe Ile Gly Ala Val Ala Ala Met Thr Gly Tyr Trp Leu		
395	400	405
Ser Glu Arg Ser Asp Arg Val Leu Glu Gly Phe Ile Lys Gly Arg		
410	415	420

&lt;210&gt; 7

&lt;211&gt; 795

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 1730482CD1

&lt;400&gt; 7

Met Glu Lys Thr Gln Ser Leu Pro Thr Arg Pro Pro Pro Thr Phe Pro			
1	5	10	15
Pro Thr Ile Pro Pro Ala Lys Glu Val Cys Lys Ala Ala Lys Ala			
20	25	30	
Asp Leu Val Phe Met Val Asp Gly Ser Trp Ser Ile Gly Asp Glu			
35	40	45	
Asn Phe Asn Lys Ile Ile Ser Phe Leu Tyr Ser Thr Val Gly Ala			
50	55	60	
Leu Asn Lys Ile Gly Thr Asp Gly Thr Gln Val Ala Met Val Gln			
65	70	75	
Phe Thr Asp Asp Pro Arg Thr Glu Phe Lys Leu Asn Ala Tyr Lys			
80	85	90	
Thr Lys Glu Thr Leu Leu Asp Ala Ile Lys His Ile Ser Tyr Lys			
95	100	105	
Gly Gly Asn Thr Lys Thr Gly Lys Ala Ile Lys Tyr Val Arg Asp			
110	115	120	
Thr Leu Phe Thr Ala Glu Ser Gly Thr Arg Arg Gly Ile Pro Lys			
125	130	135	
Val Ile Val Val Ile Thr Asp Gly Arg Ser Gln Asp Asp Val Asn			
140	145	150	
Lys Ile Ser Arg Glu Met Gln Leu Asp Gly Tyr Ser Ile Phe Ala			
155	160	165	
Ile Gly Val Ala Asp Ala Asp Tyr Ser Glu Leu Val Ser Ile Gly			
170	175	180	
Ser Lys Pro Ser Ala Arg His Val Phe Phe Val Asp Asp Phe Asp			
185	190	195	
Ala Phe Lys Lys Ile Glu Asp Glu Leu Ile Thr Phe Val Cys Glu			
200	205	210	
Thr Ala Ser Ala Thr Cys Pro Val Val His Lys Asp Gly Ile Asp			
215	220	225	
Leu Ala Gly Phe Lys Met Met Glu Met Phe Gly Leu Val Glu Lys			
230	235	240	
Asp Phe Ser Ser Val Glu Gly Val Ser Met Glu Pro Gly Thr Phe			
245	250	255	
Asn Val Phe Pro Cys Tyr Gln Leu His Lys Asp Ala Leu Val Ser			
260	265	270	
Gln Pro Thr Arg Tyr Leu His Pro Glu Gly Leu Pro Ser Asp Tyr			
275	280	285	
Thr Ile Ser Phe Leu Phe Arg Ile Leu Pro Asp Thr Pro Gln Glu			
290	295	300	
Pro Phe Ala Leu Trp Glu Ile Leu Asn Lys Asn Ser Asp Pro Leu			
305	310	315	
Val Gly Val Ile Leu Asp Asn Gly Gly Lys Thr Leu Thr Tyr Phe			
320	325	330	
Asn Tyr Asp Gln Ser Gly Asp Phe Gln Thr Val Thr Phe Glu Gly			
335	340	345	

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Pro Glu Ile Arg Lys Ile Phe Tyr Gly Ser Phe His Lys Leu His  
                  350                   355                   360  
 Ile Val Val Ser Glu Thr Leu Val Lys Val Val Ile Asp Cys Lys  
                  365                   370                   375  
 Gln Val Gly Glu Lys Ala Met Asn Ala Ser Ala Asn Ile Thr Ser  
                  380                   385                   390  
 Asp Gly Val Glu Val Leu Gly Lys Met Val Arg Ser Arg Gly Pro  
                  395                   400                   405  
 Gly Gly Asn Ser Ala Pro Phe Gln Leu Gln Met Phe Asp Ile Val  
                  410                   415                   420  
 Cys Ser Thr Ser Trp Ala Asn Thr Asp Lys Cys Cys Glu Leu Pro  
                  425                   430                   435  
 Gly Leu Arg Asp Asp Glu Ser Cys Pro Asp Leu Pro His Ser Cys  
                  440                   445                   450  
 Ser Cys Ser Glu Thr Asn Glu Val Ala Leu Gly Pro Ala Gly Pro  
                  455                   460                   465  
 Pro Gly Gly Pro Gly Leu Arg Gly Pro Lys Gly Gln Gln Gly Glu  
                  470                   475                   480  
 Pro Gly Pro Lys Gly Pro Asp Gly Pro Arg Gly Glu Ile Gly Leu  
                  485                   490                   495  
 Pro Gly Pro Gln Gly Pro Pro Gly Pro Gln Gly Pro Ser Gly Leu  
                  500                   505                   510  
 Ser Ile Gln Gly Met Pro Gly Met Pro Gly Glu Lys Gly Glu Lys  
                  515                   520                   525  
 Gly Asp Thr Gly Leu Pro Gly Pro Gln Gly Ile Pro Gly Gly Val  
                  530                   535                   540  
 Gly Ser Pro Gly Arg Asp Gly Ser Pro Gly Gln Arg Gly Leu Pro  
                  545                   550                   555  
 Gly Lys Asp Gly Ser Ser Gly Pro Pro Gly Pro Pro Gly Pro Ile  
                  560                   565                   570  
 Gly Ile Pro Gly Thr Pro Gly Val Pro Gly Ile Thr Gly Ser Met  
                  575                   580                   585  
 Gly Pro Gln Gly Ala Leu Gly Pro Pro Gly Val Pro Gly Ala Lys  
                  590                   595                   600  
 Gly Glu Arg Gly Glu Arg Gly Asp Leu Gln Ser Gln Ala Met Val  
                  605                   610                   615  
 Arg Ser Val Ala Arg Gln Val Cys Glu Gln Leu Ile Gln Ser His  
                  620                   625                   630  
 Met Ala Arg Tyr Thr Ala Ile Leu Asn Gln Ile Pro Ser His Ser  
                  635                   640                   645  
 Ser Ser Ile Arg Thr Val Gln Gly Pro Pro Gly Glu Pro Gly Arg  
                  650                   655                   660  
 Pro Gly Ser Pro Gly Ala Pro Gly Glu Gln Gly Pro Pro Gly Thr  
                  665                   670                   675  
 Pro Gly Phe Pro Gly Asn Ala Gly Val Pro Gly Thr Pro Gly Glu  
                  680                   685                   690  
 Arg Gly Leu Thr Gly Ile Lys Gly Glu Lys Gly Asn Pro Gly Val  
                  695                   700                   705  
 Gly Thr Gln Gly Pro Arg Gly Pro Pro Gly Pro Ala Gly Pro Ser  
                  710                   715                   720  
 Gly Glu Ser Arg Pro Gly Ser Pro Gly Pro Pro Gly Ser Pro Gly  
                  725                   730                   735  
 Pro Arg Gly Pro Pro Gly His Leu Gly Val Pro Gly Pro Gln Gly  
                  740                   745                   750  
 Pro Ser Gly Gln Pro Gly Tyr Cys Asp Pro Ser Ser Cys Ser Ala  
                  755                   760                   765  
 Tyr Gly Val Arg Ala Pro His Pro Asp Gln Pro Glu Phe Thr Pro  
                  770                   775                   780  
 Val Gln Asp Glu Leu Glu Ala Met Glu Leu Trp Gly Pro Gly Val  
                  785                   790                   795

&lt;210&gt; 8

&lt;211&gt; 306

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

WO 00/68380

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&lt;223&gt; Incyte ID No: 1810058CD1

&lt;400&gt; 8

Met	Arg	Ile	Trp	Trp	Leu	Leu	Leu	Ala	Ile	Glu	Ile	Cys	Thr	Gly
1				5					10					15
Asn	Ile	Asn	Ser	Gln	Asp	Thr	Cys	Arg	Gln	Gly	His	Pro	Gly	Ile
				20					25					30
Pro	Gly	Asn	Pro	Gly	His	Asn	Gly	Leu	Pro	Gly	Arg	Asp	Gly	Arg
				35					40					45
Asp	Gly	Ala	Lys	Gly	Asp	Lys	Gly	Asp	Ala	Gly	Glu	Pro	Gly	Arg
				50					55					60
Pro	Gly	Ser	Pro	Gly	Lys	Asp	Gly	Thr	Ser	Gly	Glu	Lys	Gly	Glu
				65					70					75
Arg	Gly	Ala	Asp	Gly	Lys	Val	Glu	Ala	Lys	Gly	Ile	Lys	Gly	Asp
				80					85					90
Gln	Gly	Ser	Arg	Gly	Ser	Pro	Gly	Lys	His	Gly	Pro	Lys	Gly	Leu
				95					100					105
Ala	Gly	Pro	Met	Gly	Glu	Lys	Gly	Leu	Arg	Gly	Glu	Thr	Gly	Pro
				110					115					120
Gln	Gly	Gln	Lys	Gly	Asn	Lys	Gly	Asp	Val	Gly	Pro	Thr	Gly	Pro
				125					130					135
Glu	Gly	Pro	Arg	Gly	Asn	Ile	Gly	Pro	Leu	Gly	Pro	Thr	Gly	Leu
				140					145					150
Pro	Gly	Pro	Met	Gly	Pro	Ile	Gly	Lys	Pro	Gly	Pro	Lys	Gly	Glu
				155					160					165
Ala	Gly	Pro	Thr	Gly	Pro	Gln	Gly	Glu	Pro	Gly	Val	Arg	Gly	Ile
				170					175					180
Arg	Gly	Trp	Lys	Gly	Asp	Arg	Gly	Glu	Lys	Gly	Lys	Ile	Gly	Glu
				185					190					195
Thr	Leu	Val	Leu	Pro	Lys	Ser	Ala	Phe	Thr	Val	Gly	Leu	Thr	Val
				200					205					210
Leu	Ser	Lys	Phe	Pro	Ser	Ser	Asp	Val	Pro	Ile	Lys	Phe	Asp	Lys
				215					220					225
Ile	His	Ile	Thr	Val	Phe	Ser	Arg	Asn	Val	Gln	Val	Ser	Leu	Val
				230					235					240
Lys	Asn	Gly	Val	Lys	Ile	Leu	His	Thr	Arg	Asp	Ala	Tyr	Val	Ser
				245					250					255
Ser	Glu	Asp	Gln	Ala	Ser	Gly	Ser	Ile	Val	Leu	Gln	Leu	Lys	Leu
				260					265					270
Gly	Asp	Glu	Met	Trp	Leu	Gln	Val	Thr	Gly	Gly	Glu	Arg	Phe	Asn
				275					280					285
Gly	Leu	Phe	Ala	Asp	Glu	Asp	Asp	Asp	Thr	Thr	Phe	Thr	Gly	Phe
				290					295					300
Leu	Leu	Phe	Ser	Ser	Gln									
				305										

&lt;210&gt; 9

&lt;211&gt; 338

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 2040679CD1

&lt;400&gt; 9

Met	Tyr	Val	Leu	Ser	Pro	Val	Glu	Phe	Ile	Ile	Leu	Gln	Leu	Leu
1				5					10					15
Phe	Ile	Gln	Ala	Ile	Ser	Ser	Ser	Leu	Lys	Gly	Phe	Leu	Ser	Ala
				20					25					30
Met	Arg	Leu	Ala	His	Arg	Gly	Cys	Asn	Val	Asp	Thr	Pro	Val	Ser
				35					40					45
Thr	Leu	Thr	Pro	Val	Lys	Thr	Ser	Glu	Phe	Glu	Asn	Phe	Lys	Thr
				50					55					60
Lys	Met	Val	Ile	Thr	Ser	Lys	Lys	Asp	Tyr	Pro	Leu	Ser	Lys	Asn
				65					70					75
Phe	Pro	Tyr	Ser	Leu	Glu	His	Leu	Gln	Thr	Ser	Tyr	Cys	Gly	Leu
				80					85					90

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Val	Arg	Val	Asp	Met	Arg	Met	Leu	Cys	Leu	Lys	Ser	Leu	Arg	Lys
				95					100				105	
Leu	Asp	Leu	Ser	His	Asn	His	Ile	Lys	Lys	Leu	Pro	Ala	Thr	Ile
				110					115				120	
Gly	Asp	Leu	Ile	His	Leu	Gln	Glu	Leu	Asn	Leu	Asn	Asp	Asn	His
				125					130				135	
Leu	Glu	Ser	Phe	Ser	Val	Ala	Leu	Cys	His	Ser	Thr	Leu	Gln	Lys
				140					145				150	
Ser	Leu	Arg	Ser	Leu	Asp	Leu	Ser	Lys	Asn	Lys	Ile	Lys	Ala	Leu
				155					160				165	
Pro	Val	Gln	Phe	Cys	Gln	Leu	Gln	Glu	Leu	Lys	Asn	Leu	Lys	Leu
				170					175				180	
Asp	Asp	Asn	Glu	Leu	Ile	Gln	Phe	Pro	Cys	Lys	Ile	Gly	Gln	Leu
				185					190				195	
Ile	Asn	Leu	Arg	Phe	Leu	Ser	Ala	Ala	Arg	Asn	Lys	Leu	Pro	Phe
				200					205				210	
Leu	Pro	Ser	Glu	Phe	Arg	Asn	Leu	Ser	Leu	Glu	Tyr	Leu	Asp	Leu
				215					220				225	
Phe	Gly	Asn	Thr	Phe	Glu	Gln	Pro	Lys	Val	Leu	Pro	Val	Ile	Lys
				230					235				240	
Leu	Gln	Ala	Pro	Leu	Thr	Leu	Leu	Glu	Ser	Ser	Ala	Arg	Thr	Ile
				245					250				255	
Leu	His	Asn	Arg	Ile	Pro	Tyr	Gly	Ser	His	Ile	Ile	Pro	Phe	His
				260					265				270	
Leu	Cys	Gln	Asp	Leu	Asp	Thr	Ala	Lys	Ile	Cys	Val	Cys	Gly	Arg
				275					280				285	
Phe	Cys	Leu	Asn	Ser	Phe	Ile	Gln	Gly	Thr	Thr	Thr	Met	Asn	Leu
				290					295				300	
His	Ser	Val	Ala	His	Thr	Val	Val	Leu	Val	Asp	Asn	Leu	Gly	Gly
				305					310				315	
Thr	Glu	Ala	Pro	Ile	Ile	Ser	Tyr	Phe	Cys	Ser	Leu	Gly	Cys	Tyr
				320					325				330	
Val	Asn	Ser	Ser	Asp	Met	Leu	Lys							
				335										

&lt;210&gt; 10

&lt;211&gt; 164

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 2960051CD1

&lt;400&gt; 10

Met	Lys	Ile	Ala	Val	Leu	Phe	Cys	Phe	Phe	Leu	Ile	Ile	Phe	
1				5					10				15	
Gln	Thr	Asp	Phe	Gly	Lys	Asn	Glu	Glu	Ile	Pro	Arg	Lys	Gln	Arg
				20					25				30	
Arg	Lys	Ile	Tyr	His	Arg	Arg	Leu	Arg	Lys	Ser	Ser	Thr	Ser	His
				35					40				45	
Lys	His	Arg	Ser	Asn	Arg	Gln	Leu	Gly	Ile	Pro	Gln	Thr	Thr	Val
				50					55				60	
Phe	Thr	Pro	Val	Ala	Arg	Leu	Pro	Ile	Val	Asn	Phe	Asp	Tyr	Ser
				65					70				75	
Met	Glu	Glu	Lys	Phe	Glu	Ser	Phe	Ser	Ser	Phe	Pro	Gly	Val	Glu
				80					85				90	
Ser	Ser	Tyr	Asn	Val	Leu	Pro	Gly	Lys	Lys	Gly	His	Cys	Leu	Val
				95					100				105	
Lys	Gly	Ile	Thr	Met	Tyr	Asn	Lys	Ala	Val	Trp	Ser	Pro	Glu	Pro
				110					115				120	
Cys	Thr	Thr	Cys	Leu	Cys	Ser	Asp	Gly	Arg	Val	Leu	Cys	Asp	Glu
				125					130				135	
Thr	Met	Cys	His	Pro	Gln	Arg	Cys	Pro	Gln	Thr	Val	Ile	Pro	Glu
				140					145				150	
Gly	Glu	Cys	Cys	Pro	Val	Cys	Ser	Ala	Thr	Gly	Thr	Glu	Ile	
				155					160					

&lt;210&gt; 11

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<211> 327  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 3117318CD1

<400> 11

Met	Arg	Ala	Leu	Pro	Gly	Leu	Leu	Glu	Ala	Arg	Ala	Arg	Thr	Pro
1				5				10					15	
Arg	Leu	Leu	Leu	Leu	Gln	Cys	Leu	Leu	Ala	Ala	Ala	Arg	Pro	Ser
					20				25				30	
Ser	Ala	Asp	Gly	Ser	Ala	Pro	Asp	Ser	Ala	Phe	Thr	Ser	Pro	Pro
				35				40					45	
Leu	Arg	Glu	Glu	Ile	Met	Ala	Asn	Asn	Phe	Ser	Leu	Glu	Ser	His
				50				55					60	
Asn	Ile	Ser	Leu	Thr	Glu	His	Ser	Ser	Met	Pro	Val	Glu	Lys	Asn
				65				70					75	
Ile	Thr	Leu	Glu	Arg	Pro	Ser	Asn	Val	Asn	Leu	Thr	Cys	Gln	Phe
				80				85					90	
Thr	Thr	Ser	Gly	Asp	Leu	Asn	Ala	Val	Asn	Val	Thr	Trp	Lys	Lys
				95				100					105	
Asp	Gly	Glu	Gln	Leu	Glu	Asn	Asn	Tyr	Leu	Val	Ser	Ala	Thr	Gly
				110				115					120	
Ser	Thr	Leu	Tyr	Thr	Gln	Tyr	Arg	Phe	Thr	Ile	Ile	Asn	Ser	Lys
				125				130					135	
Gln	Met	Gly	Ser	Tyr	Ser	Cys	Phe	Phe	Arg	Glu	Glu	Lys	Glu	Gln
				140				145					150	
Arg	Gly	Thr	Phe	Asn	Phe	Lys	Val	Pro	Glu	Leu	His	Gly	Lys	Asn
				155				160					165	
Lys	Pro	Leu	Ile	Ser	Tyr	Val	Gly	Asp	Ser	Thr	Val	Leu	Thr	Cys
				170				175					180	
Lys	Cys	Gln	Asn	Cys	Phe	Pro	Leu	Asn	Trp	Thr	Trp	Tyr	Ser	Ser
				185				190					195	
Asn	Gly	Ser	Val	Lys	Val	Pro	Val	Gly	Val	Gln	Met	Asn	Lys	Tyr
				200				205					210	
Val	Ile	Asn	Gly	Thr	Tyr	Ala	Asn	Glu	Thr	Lys	Leu	Lys	Ile	Thr
				215				220					225	
Gln	Leu	Leu	Glu	Glu	Asp	Gly	Glu	Ser	Tyr	Trp	Cys	Arg	Ala	Leu
				230				235					240	
Phe	Gln	Leu	Gly	Glu	Ser	Glu	Glu	His	Ile	Glu	Leu	Val	Val	Leu
				245				250					255	
Ser	Tyr	Leu	Val	Pro	Leu	Lys	Pro	Phe	Leu	Val	Ile	Val	Ala	Glu
				260				265					270	
Val	Ile	Leu	Leu	Val	Ala	Thr	Ile	Leu	Leu	Cys	Glu	Lys	Tyr	Thr
				275				280					285	
Gln	Lys	Lys	Lys	His	Ser	Asp	Glu	Gly	Lys	Glu	Phe	Glu	Gln	
				290				295					300	
Ile	Glu	Gln	Leu	Lys	Ser	Asp	Asp	Ser	Asn	Gly	Ile	Glu	Asn	Asn
				305				310					315	
Val	Pro	Arg	His	Arg	Lys	Asn	Glu	Ser	Leu	Gly	Gln			
				320				325						

<210> 12  
<211> 716  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 3486992CD1

<400> 12

Met	Ala	Arg	Met	Ser	Phe	Val	Ile	Ala	Ala	Cys	Gln	Leu	Val	Leu
1				5				10					15	
Gly	Leu	Leu	Met	Thr	Ser	Leu	Thr	Glu	Ser	Ser	Ile	Gln	Asn	Ser
				20				25					30	

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Glu Cys Pro Gln Leu Cys Val Cys Glu Ile Arg Pro Trp Phe Thr  
     35                  40                  45  
 Pro Gln Ser Thr Tyr Arg Glu Ala Thr Thr Val Asp Cys Asn Asp  
     50                  55                  60  
 Leu Arg Leu Thr Arg Ile Pro Ser Asn Leu Ser Ser Asp Thr Gln  
     65                  70                  75  
 Val Leu Leu Leu Gln Ser Asn Asn Ile Ala Lys Thr Val Asp Glu  
     80                  85                  90  
 Leu Gln Gln Leu Phe Asn Leu Thr Glu Leu Asp Phe Ser Gln Asn  
     95                  100                 105  
 Asn Phe Thr Asn Ile Lys Glu Val Gly Leu Ala Asn Leu Thr Gln  
   110                  115                 120  
 Leu Thr Thr Leu His Leu Glu Glu Asn Gln Ile Thr Glu Met Thr  
   125                  130                 135  
 Asp Tyr Cys Leu Gln Asp Leu Ser Asn Leu Gln Glu Leu Tyr Ile  
   140                  145                 150  
 Asn His Asn Gln Ile Ser Thr Ile Ser Ala His Ala Phe Ala Gly  
   155                  160                 165  
 Leu Lys Asn Leu Leu Arg Leu His Leu Asn Ser Asn Lys Leu Lys  
   170                  175                 180  
 Val Ile Asp Ser Arg Trp Phe Asp Ser Thr Pro Asn Leu Glu Ile  
   185                  190                 195  
 Leu Met Ile Gly Glu Asn Pro Val Ile Gly Ile Leu Asp Met Asn  
   200                  205                 210  
 Phe Lys Pro Leu Ala Asn Leu Arg Ser Leu Val Leu Ala Gly Met  
   215                  220                 225  
 Tyr Leu Thr Asp Ile Pro Gly Asn Ala Leu Val Gly Leu Asp Ser  
   230                  235                 240  
 Leu Glu Ser Leu Ser Phe Tyr Asp Asn Lys Leu Val Lys Val Pro  
   245                  250                 255  
 Gln Leu Ala Leu Gln Lys Val Pro Asn Leu Lys Phe Leu Asp Leu  
   260                  265                 270  
 Asn Lys Asn Pro Ile His Lys Ile Gln Glu Gly Asp Phe Lys Asn  
   275                  280                 285  
 Met Leu Arg Leu Lys Glu Leu Gly Ile Asn Asn Met Gly Glu Leu  
   290                  295                 300  
 Val Ser Val Asp Arg Tyr Ala Leu Asp Asn Leu Pro Glu Leu Thr  
   305                  310                 315  
 Lys Leu Glu Ala Thr Asn Asn Pro Lys Leu Ser Tyr Ile His Arg  
   320                  325                 330  
 Leu Ala Phe Arg Ser Val Pro Ala Leu Glu Ser Leu Met Leu Asn  
   335                  340                 345  
 Asn Asn Ala Leu Asn Ala Ile Tyr Gln Lys Thr Val Glu Ser Leu  
   350                  355                 360  
 Pro Asn Leu Arg Glu Ile Ser Ile His Ser Asn Pro Leu Arg Cys  
   365                  370                 375  
 Asp Cys Val Ile His Trp Ile Asn Ser Asn Lys Thr Asn Ile Arg  
   380                  385                 390  
 Phe Met Glu Pro Leu Ser Met Phe Cys Ala Met Pro Pro Glu Tyr  
   395                  400                 405  
 Lys Gly His Gln Val Lys Glu Val Leu Ile Gln Asp Ser Ser Glu  
   410                  415                 420  
 Gln Cys Leu Pro Met Ile Ser His Asp Ser Phe Pro Asn Arg Leu  
   425                  430                 435  
 Asn Val Asp Ile Gly Thr Thr Val Phe Leu Asp Cys Arg Ala Met  
   440                  445                 450  
 Ala Glu Pro Glu Pro Glu Ile Tyr Trp Val Thr Pro Ile Gly Asn  
   455                  460                 465  
 Lys Ile Thr Val Glu Thr Leu Ser Asp Lys Tyr Lys Leu Ser Ser  
   470                  475                 480  
 Glu Gly Thr Leu Glu Ile Ser Asn Ile Gln Ile Glu Asp Ser Gly  
   485                  490                 495  
 Arg Tyr Thr Cys Val Ala Gln Asn Val Gln Gly Ala Asp Thr Arg  
   500                  505                 510  
 Val Ala Thr Ile Lys Val Asn Gly Thr Leu Leu Asp Gly Thr Gln  
   515                  520                 525  
 Val Leu Lys Ile Tyr Val Lys Gln Thr Glu Ser His Ser Ile Leu

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	530	535	540
Val Ser Trp Lys	Val Asn Ser Asn Val	Met Thr Ser Asn Leu	Lys
545	550	555	
Trp Ser Ser Ala	Thr Met Lys Ile Asp	Asn Pro His Ile Thr	Tyr
560	565	570	
Thr Ala Arg Val	Pro Val Asp Val His	Glu Tyr Asn Leu Thr	His
575	580	585	
Leu Gln Pro Ser	Thr Asp Tyr Glu Val	Cys Leu Thr Val Ser	Asn
590	595	600	
Ile His Gln Gln	Thr Gln Lys Ser Cys	Val Asn Val Thr Thr	Lys
605	610	615	
Asn Ala Ala Phe	Ala Val Asp Ile Ser	Asp Gln Glu Thr Ser	Thr
620	625	630	
Ala Leu Ala Ala	Val Met Gly Ser Met	Phe Ala Val Ile Ser	Leu
635	640	645	
Ala Ser Ile Ala	Val Tyr Phe Ala Lys	Arg Phe Lys Arg Lys	Asn
650	655	660	
Tyr His His Ser	Leu Lys Tyr Met	Gln Lys Thr Ser Ser	Ile
665	670	675	
Pro Leu Asn Glu	Leu Tyr Pro Pro Leu	Ile Asn Leu Trp Glu	Gly
680	685	690	
Asp Ser Glu Lys	Asp Lys Asp Gly Ser	Ala Asp Thr Lys Pro	Thr
695	700	705	
Gln Val Asp Thr	Ser Arg Ser Tyr Tyr	Met Trp	
710	715		

&lt;210&gt; 13

&lt;211&gt; 665

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 4568384CD1

&lt;400&gt; 13

Met Val Leu Val Phe	His Lys Gly Glu	Leu Gly His Pro Leu Glu	
1	5	10	15
Gln Ser Thr Asp	Trp Pro Lys Ser Pro	Lys Thr Pro Thr Gly	Leu
20	25	30	
Arg Arg Gly Arg	Gln Cys Ile Arg Pro	Ala Glu Ile Val Ala Ser	
35	40	45	
Leu Leu Glu Gly	Glu Asn Thr Cys	Gly Lys Gln Lys Pro Lys	
50	55	60	
Glu Asn Asn Leu	Lys Pro Lys Phe Gln	Ala Phe Lys Gly Val Gly	
65	70	75	
Cys Leu Tyr Glu	Lys Glu Ser Met Lys	Lys Ser Leu Lys Asp Ser	
80	85	90	
Val Ala Ser Asn Asn	Lys Asp Gln Asn	Ser Met Lys His Glu Asp	
95	100	105	
Pro Ser Ile Ile	Ser Met Glu Asp Gly	Ser Pro Tyr Val Asn Gly	
110	115	120	
Ser Leu Gly Glu	Val Thr Pro Cys Gln	His Ala Lys Lys Ala Asn	
125	130	135	
Gly Pro Asn Tyr	Ile Gln Pro Gln Lys	Arg Gln Thr Thr Phe Glu	
140	145	150	
Ser Gln Asp Arg	Lys Ala Val Ser Pro	Ser Ser Ser Glu Lys Arg	
155	160	165	
Ser Lys Asn Pro	Ile Ser Arg Pro Leu	Glu Gly Lys Ser Leu	
170	175	180	
Ser Leu Ser Ala	Lys Thr His Asn Ile	Gly Phe Asp Lys Asp Ser	
185	190	195	
Cys His Ser Thr	Thr Lys Thr Glu Ala	Ser Gln Glu Glu Arg Ser	
200	205	210	
Asp Ser Ser Gly	Leu Thr Ser Leu Lys	Lys Ser Pro Lys Val Ser	
215	220	225	
Ser Lys Asp Thr	Arg Glu Ile Lys Thr	Asp Phe Ser Leu Ser Ile	
230	235	240	

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Ser Asn Ser Ser Asp Val Ser Ala Lys Asp Lys His Ala Glu Asp  
 245 250 255  
 Asn Glu Lys Arg Leu Ala Ala Leu Glu Ala Arg Gln Lys Ala Lys  
 260 265 270  
 Glu Val Gln Lys Lys Leu Val His Asn Ala Leu Ala Asn Leu Asp  
 275 280 285  
 Gly His Pro Glu Asp Lys Pro Thr His Ile Ile Phe Gly Ser Asp  
 290 295 300  
 Ser Glu Cys Glu Thr Glu Glu Thr Ser Thr Gln Glu Gln Ser His  
 305 310 315  
 Pro Gly Glu Glu Trp Val Lys Glu Ser Met Gly Lys Thr Ser Gly  
 320 325 330  
 Lys Leu Phe Asp Ser Ser Asp Asp Asp Glu Ser Asp Ser Glu Asp  
 335 340 345  
 Asp Ser Asn Arg Phe Lys Ile Lys Pro Gln Phe Glu Gly Arg Ala  
 350 355 360  
 Gly Gln Lys Leu Met Asp Leu Gln Ser His Phe Gly Thr Asp Asp  
 365 370 375  
 Arg Phe Arg Met Asp Ser Arg Phe Leu Glu Thr Asp Ser Glu Glu  
 380 385 390  
 Glu Gln Glu Glu Val Asn Glu Lys Lys Thr Ala Glu Glu Glu  
 395 400 405  
 Leu Ala Glu Glu Lys Lys Ala Leu Asn Val Val Gln Ser Val  
 410 415 420  
 Leu Gln Ile Asn Leu Ser Asn Ser Thr Asn Arg Gly Ser Val Ala  
 425 430 435  
 Ala Lys Lys Phe Lys Asp Ile Ile His Tyr Asp Pro Thr Lys Gln  
 440 445 450  
 Asp His Ala Thr Tyr Glu Arg Lys Arg Asp Asp Lys Pro Lys Glu  
 455 460 465  
 Ser Lys Ala Lys Arg Lys Lys Lys Arg Glu Glu Ala Glu Lys Leu  
 470 475 480  
 Pro Glu Val Ser Lys Glu Met Tyr Tyr Asn Ile Ala Met Asp Leu  
 485 490 495  
 Lys Glu Ile Phe Gln Thr Thr Lys Tyr Thr Ser Glu Lys Glu  
 500 505 510  
 Gly Thr Pro Trp Asn Glu Asp Cys Gly Lys Glu Lys Pro Glu Glu  
 515 520 525  
 Ile Gln Asp Pro Ala Ala Leu Thr Ser Asp Ala Glu Gln Pro Ser  
 530 535 540  
 Gly Phe Thr Phe Ser Phe Phe Asp Ser Asp Thr Lys Asp Ile Lys  
 545 550 555  
 Glu Glu Thr Tyr Arg Val Glu Thr Val Lys Pro Gly Lys Ile Val  
 560 565 570  
 Trp Gln Glu Asp Pro Arg Leu Gln Asp Ser Ser Ser Glu Glu Glu  
 575 580 585  
 Asp Val Thr Glu Glu Thr Asp His Arg Asn Ser Ser Pro Gly Glu  
 590 595 600  
 Ala Ser Leu Leu Glu Lys Glu Thr Thr Arg Phe Phe Phe Ser  
 605 610 615  
 Lys Asn Asp Glu Arg Leu Gln Gly Ser Asp Leu Phe Trp Arg Gly  
 620 625 630  
 Val Gly Ser Asn Met Ser Arg Asn Ser Trp Glu Ala Arg Thr Thr  
 635 640 645  
 Asn Leu Arg Met Asp Cys Arg Lys Lys His Lys Asp Ala Lys Arg  
 650 655 660  
 Lys Met Lys Pro Lys  
 665

&lt;210&gt; 14

&lt;211&gt; 547

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 4586187CD1

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&lt;400&gt; 14

Met	Tyr	Ser	His	Asn	Val	Val	Ile	Met	Asn	Leu	Asn	Asn	Leu	Asn
1				5					10					15
Leu	Thr	Gln	Val	Gln	Gln	Arg	Asn	Leu	Ile	Thr	Asn	Leu	Gln	Arg
					20				25					30
Ser	Val	Asp	Asp	Thr	Ser	Gln	Ala	Ile	Gln	Arg	Ile	Lys	Asn	Asp
				35					40					45
Phe	Gln	Asn	Leu	Gln	Gln	Val	Phe	Leu	Gln	Ala	Lys	Lys	Asp	Thr
					50				55					60
Asp	Trp	Leu	Lys	Glu	Lys	Val	Gln	Ser	Leu	Gln	Thr	Leu	Ala	Ala
				65					70					75
Asn	Asn	Ser	Ala	Leu	Ala	Lys	Ala	Asn	Asn	Asp	Thr	Leu	Glu	Asp
				80					85					90
Met	Asn	Ser	Gln	Leu	Asn	Ser	Phe	Thr	Gly	Gln	Met	Glu	Asn	Ile
				95					100					105
Thr	Thr	Ile	Ser	Gln	Ala	Asn	Glu	Gln	Asn	Leu	Lys	Asp	Leu	Gln
				110					115					120
Asp	Leu	His	Lys	Asp	Ala	Glu	Asn	Arg	Thr	Ala	Ile	Lys	Phe	Asn
				125					130					135
Gln	Leu	Glu	Glu	Arg	Phe	Gln	Leu	Phe	Glu	Thr	Asp	Ile	Val	Asn
				140					145					150
Ile	Ile	Ser	Asn	Ile	Ser	Tyr	Thr	Ala	His	His	Leu	Arg	Thr	Leu
				155					160					165
Thr	Ser	Asn	Leu	Asn	Glu	Val	Arg	Thr	Thr	Cys	Thr	Asp	Thr	Leu
				170					175					180
Thr	Lys	His	Thr	Asp	Asp	Leu	Thr	Ser	Leu	Asn	Asn	Thr	Leu	Ala
				185					190					195
Asn	Ile	Arg	Leu	Asp	Ser	Val	Ser	Leu	Arg	Met	Gln	Gln	Asp	Leu
				200					205					210
Met	Arg	Ser	Arg	Leu	Asp	Thr	Glu	Val	Ala	Asn	Leu	Ser	Val	Ile
				215					220					225
Met	Glu	Glu	Met	Lys	Leu	Val	Asp	Ser	Lys	His	Gly	Gln	Leu	Ile
				230					235					240
Lys	Asn	Phe	Thr	Ile	Leu	Gln	Gly	Pro	Pro	Gly	Pro	Arg	Gly	Pro
				245					250					255
Arg	Gly	Asp	Arg	Gly	Ser	Gln	Gly	Pro	Pro	Gly	Pro	Thr	Gly	Asn
				260					265					270
Lys	Gly	Gln	Lys	Gly	Glu	Lys	Gly	Glu	Pro	Gly	Pro	Pro	Gly	Pro
				275					280					285
Ala	Gly	Glu	Arg	Gly	Pro	Ile	Gly	Pro	Ala	Gly	Pro	Pro	Gly	Glu
				290					295					300
Arg	Gly	Gly	Lys	Gly	Ser	Lys	Gly	Ser	Gln	Gly	Pro	Lys	Gly	Ser
				305					310					315
Arg	Gly	Ser	Pro	Gly	Lys	Pro	Gly	Pro	Gln	Gly	Pro	Ser	Gly	Asp
				320					325					330
Pro	Gly	Pro	Pro	Gly	Pro	Pro	Gly	Lys	Glu	Gly	Leu	Pro	Gly	Pro
				335					340					345
Gln	Gly	Pro	Pro	Gly	Phe	Gln	Gly	Leu	Gln	Gly	Thr	Val	Gly	Glu
				350					355					360
Pro	Gly	Val	Pro	Gly	Pro	Arg	Gly	Leu	Pro	Gly	Leu	Pro	Gly	Val
				365					370					375
Pro	Gly	Met	Pro	Gly	Pro	Lys	Gly	Pro	Pro	Gly	Pro	Pro	Gly	Pro
				380					385					390
Ser	Gly	Ala	Val	Val	Pro	Leu	Ala	Leu	Gln	Asn	Glu	Pro	Thr	Pro
				395					400					405
Ala	Pro	Glu	Asp	Asn	Ser	Cys	Pro	Pro	His	Trp	Lys	Asn	Phe	Thr
				410					415					420
Asp	Lys	Cys	Tyr	Tyr	Phe	Ser	Val	Glu	Lys	Glu	Ile	Phe	Glu	Asp
				425					430					435
Ala	Lys	Leu	Phe	Cys	Glu	Asp	Lys	Ser	Ser	His	Leu	Val	Phe	Ile
				440					445					450
Asn	Thr	Arg	Glu	Glu	Gln	Gln	Trp	Ile	Lys	Lys	Gln	Met	Val	Gly
				455					460					465
Arg	Glu	Ser	His	Trp	Ile	Gly	Leu	Thr	Asp	Ser	Glu	Arg	Glu	Asn
				470					475					480
Glu	Trp	Lys	Trp	Leu	Asp	Gly	Thr	Ser	Pro	Asp	Tyr	Lys	Asn	Trp
				485					490					495

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Lys Ala Gly Gln Pro Asp Asn Trp Gly His Gly His Gly Pro Gly  
 500 505 510  
 Glu Asp Cys Ala Gly Leu Ile Tyr Ala Gly Gln Trp Asn Asp Phe  
 515 520 525  
 Gln Cys Glu Asp Val Asn Asn Phe Ile Cys Glu Lys Asp Arg Glu  
 530 535 540  
 Thr Val Leu Ser Ser Ala Leu  
 545

&lt;210&gt; 15

&lt;211&gt; 109

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 401801CD1

&lt;400&gt; 15

Met Tyr Phe Asn Leu Gln Glu Asn Ile Phe Met Tyr Gly Gly Arg  
 1 5 10 15  
 Ile Glu Thr Asn Asp Gly Asn Val Thr Asp Glu Leu Trp Val Phe  
 20 25 30  
 Asn Ile His Ser Gln Ser Trp Ser Thr Lys Thr Pro Thr Val Leu  
 35 40 45  
 Gly His Gly Gln Gln Tyr Ala Val Glu Gly His Ser Ala His Ile  
 50 55 60  
 Met Glu Leu Asp Ser Arg Asp Val Val Met Ile Ile Ile Phe Gly  
 65 70 75  
 Tyr Ser Ala Ile Tyr Gly Tyr Thr Ser Ser Ile Gln Glu Tyr His  
 80 85 90  
 Ile Cys Glu Leu Leu Lys Asn Cys Asn Phe Phe Ile Asp Trp Glu  
 95 100 105  
 Cys Phe Ser Leu

&lt;210&gt; 16

&lt;211&gt; 192

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 1721842CD1

&lt;400&gt; 16

Met Asn Lys Arg Asp Tyr Met Asn Thr Ser Val Gln Glu Pro Pro  
 1 5 10 15  
 Leu Asp Tyr Ser Phe Arg Ser Ile His Val Ile Gln Asp Leu Val  
 20 25 30  
 Asn Glu Glu Pro Arg Thr Gly Leu Arg Pro Leu Lys Arg Ser Lys  
 35 40 45  
 Ser Gly Lys Ser Leu Thr Gln Ser Leu Trp Leu Asn Asn Asn Val  
 50 55 60  
 Leu Asn Asp Leu Arg Asp Phe Asn Gln Val Ala Ser Gln Leu Leu  
 65 70 75  
 Glu His Pro Glu Asn Leu Ala Trp Ile Asp Leu Ser Phe Asn Asp  
 80 85 90  
 Leu Thr Ser Ile Asp Pro Val Leu Thr Thr Phe Phe Asn Leu Ser  
 95 100 105  
 Val Leu Tyr Leu His Gly Asn Ser Ile Gln Arg Leu Gly Glu Val  
 110 115 120  
 Asn Lys Leu Ala Val Leu Pro Arg Leu Arg Ser Leu Thr Leu His  
 125 130 135  
 Gly Asn Pro Met Glu Glu Glu Lys Gly Tyr Arg Gln Tyr Val Leu  
 140 145 150  
 Cys Thr Leu Ser Arg Ile Thr Thr Phe Asp Phe Ser Gly Val Thr  
 155 160 165  
 Lys Ala Asp Arg Thr Thr Ala Glu Val Trp Lys Arg Met Asn Ile

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Lys	Pro	Lys	Lys	Ala	Trp	Thr	Lys	Gln	Asn	Thr	Leu
				170				175			180
				185				190			

<210> 17  
<211> 575  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 1833221CD1

<400> 17											
Met	Val	Leu	Gly	Ser	Phe	Gly	Thr	Asp	Leu	Met	Arg
1					5				10		15
Asp	Leu	Glu	Arg	Arg	Arg	Thr	Asp	Ser	Ser	Asn	Leu
					20				25		30
Tyr	Ser	His	Arg	Ser	Gly	Asp	Phe	Thr	Thr	Ser	Ser
					35				40		45
Asp	Arg	Val	Pro	Ser	Tyr	Ser	Gln	Gly	Ala	Arg	Pro
					50				55		60
Ser	Met	Ser	Thr	Leu	Gln	Leu	Asn	Thr	Ser	Ser	Thr
					65				70		75
Leu	Pro	Ser	Glu	His	Gln	Thr	Ile	Leu	Ser	Ser	Arg
					80				85		90
Asn	Ser	Leu	Arg	Ser	Asn	Phe	Ser	Ser	Arg	Ser	Ser
					95				100		105
Arg	Ser	Asn	Thr	Gln	Pro	Gly	Phe	Ser	Tyr	Ser	Ser
					110				115		120
Glu	Ala	Pro	Ile	Ile	Ser	Asn	Ser	Glu	Arg	Val	Val
					125				130		135
Arg	Pro	Phe	Gln	Glu	Ser	Ser	Asp	Asn	Glu	Gly	Arg
					140				145		150
Arg	Arg	Leu	Leu	Ser	Arg	Ile	Ala	Ser	Ser	Met	Ser
					155				160		165
Phe	Ser	Arg	Arg	Ser	Ser	Gln	Asp	Ser	Leu	Asn	Thr
					170				175		180
Asn	Ser	Glu	Asn	Ser	Tyr	Val	Ser	Pro	Arg	Ile	Leu
					185				190		195
Gln	Ser	Arg	Ser	Asn	Val	Pro	Ser	Ala	Ser	Glu	Val
					200				205		210
Arg	Ala	Ser	Glu	Ala	Ser	Gln	Gly	Phe	Arg	Phe	Leu
					215				220		225
Trp	Gly	Leu	Ser	Ser	Leu	Ser	His	Asn	His	Ser	Ser
					230				235		240
Ser	Glu	Asn	Phe	Asn	Gln	Glu	Ser	Glu	Gly	Arg	Asn
					245				250		255
Trp	Leu	Ser	Ser	Ser	Leu	Arg	Asn	Arg	Cys	Thr	Pro
					260				265		270
Arg	Arg	Arg	Arg	Glu	Gly	Arg	Asp	Glu	Ser	Ser	Arg
					275				280		285
Ser	Asp	Thr	Ser	Ser	Arg	Ser	His	Ile	Phe	Arg	Arg
					290				295		300
Glu	Val	Val	His	Leu	Glu	Ala	Gln	Asn	Asp	Pro	Leu
					305				310		315
Ala	Asn	Arg	Pro	Gln	Ala	Ser	Ala	Ala	Ser	Ser	Ser
					320				325		330
Gly	Gly	Ser	Thr	Ser	Asp	Ser	Ala	Gln	Gly	Gly	Arg
					335				340		345
Ile	Ser	Gly	Ile	Leu	Pro	Gly	Ser	Leu	Phe	Arg	Phe
					350				355		360
Pro	Ala	Leu	Gly	Ser	Asn	Leu	Thr	Asp	Asn	Val	Met
					365				370		375
Asp	Ile	Ile	Pro	Ser	Gly	Trp	Asn	Ser	Ala	Asp	Gly
					380				385		390
Lys	Thr	Lys	Ser	Ala	Pro	Ser	Arg	Asp	Pro	Glu	Arg
					395				400		405

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Ile Lys Glu Ser Leu Leu Leu Glu Asp Ser Glu Glu Glu Glu Gly  
 410 415 420  
 Asp Leu Cys Arg Ile Cys Gln Met Ala Ala Ala Ser Ser Ser Asn  
 425 430 435  
 Leu Leu Ile Glu Pro Cys Lys Cys Thr Gly Ser Leu Gln Tyr Val  
 440 445 450  
 His Gln Asp Cys Met Lys Lys Trp Leu Gln Ala Lys Ile Asn Ser  
 455 460 465  
 Gly Ser Ser Leu Glu Ala Val Thr Thr Cys Glu Leu Cys Lys Glu  
 470 475 480  
 Lys Leu Glu Leu Asn Leu Glu Asp Phe Asp Ile His Glu Leu His  
 485 490 495  
 Arg Ala His Ala Asn Glu Gln Ala Glu Tyr Glu Phe Ile Ser Ser  
 500 505 510  
 Gly Leu Tyr Leu Val Val Leu Leu His Leu Cys Glu Gln Ser Phe  
 515 520 525  
 Ser Asp Met Met Gly Asn Thr Asn Glu Pro Ser Thr Arg Val Arg  
 530 535 540  
 Phe Ile Asn Leu Ala Arg Thr Leu Gln Ala His Met Glu Asp Leu  
 545 550 555  
 Glu Thr Ser Glu Asp Asp Ser Glu Glu Asp Gly Asp His Asn Arg  
 560 565 570  
 Thr Phe Asp Ile Ala  
 575

&lt;210&gt; 18

&lt;211&gt; 342

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 2041168CD1

<400> 18

Met Ala Glu Gly Gly Ser Gly Asp Val Asp Asp Ala Gly Asp Cys		
1 5 10 15		
Ser Gly Ala Arg Tyr Asn Asp Trp Ser Asp Asp Asp Asp Asp Ser		
20 25 30		
Asn Glu Ser Lys Ser Ile Val Trp Tyr Pro Pro Trp Ala Arg Ile		
35 40 45		
Gly Thr Glu Ala Gly Thr Arg Ala Arg Ala Arg Ala Arg Ala Arg		
50 55 60		
Ala Thr Arg Ala Arg Arg Ala Val Gln Lys Arg Ala Ser Pro Asn		
65 70 75		
Ser Asp Asp Thr Val Leu Ser Pro Gln Glu Leu Gln Lys Val Leu		
80 85 90		
Cys Leu Val Glu Met Ser Glu Lys Pro Tyr Ile Leu Glu Ala Ala		
95 100 105		
Leu Ile Ala Leu Gly Asn Asn Ala Ala Tyr Ala Phe Asn Arg Asp		
110 115 120		
Ile Ile Arg Asp Leu Gly Gly Leu Pro Ile Val Ala Lys Ile Leu		
125 130 135		
Asn Thr Arg Asp Pro Ile Val Lys Glu Lys Ala Leu Ile Val Leu		
140 145 150		
Asn Asn Leu Ser Val Asn Ala Glu Asn Gln Arg Arg Leu Lys Val		
155 160 165		
Tyr Met Asn Gln Val Cys Asp Asp Thr Ile Thr Ser Arg Leu Asn		
170 175 180		
Ser Ser Val Gln Leu Ala Gly Leu Arg Leu Leu Thr Asn Met Thr		
185 190 195		
Val Thr Asn Glu Tyr Gln His Met Leu Ala Asn Ser Ile Ser Asp		
200 205 210		
Phe Phe Arg Leu Phe Ser Ala Gly Asn Glu Glu Thr Lys Leu Gln		
215 220 225		
Val Leu Lys Leu Leu Leu Asn Leu Ala Glu Asn Pro Ala Met Thr		
230 235 240		
Arg Glu Leu Leu Arg Ala Gln Val Pro Ser Ser Leu Gly Ser Leu		

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	245	250	255
Phe Asn Lys Lys	Glu Asn Lys Glu Val	Ile Leu Lys Leu Leu	Val
	260	265	270
Ile Phe Glu Asn	Ile Asn Asp Asn Phe	Lys Trp Glu Glu Asn	Glu
	275	280	285
Pro Thr Gln Asn	Gln Phe Gly Glu Gly	Ser Leu Phe Phe Phe	Leu
	290	295	300
Lys Glu Phe Gln	Val Cys Ala Asp Lys	Val Leu Gly Ile Glu	Ser
	305	310	315
His His Asp Phe	Leu Val Lys Val Lys	Val Gly Lys Phe Met	Ala
	320	325	330
Lys Leu Ala Glu	His Met Phe Pro Lys	Ser Gln Glu	
	335	340	

<210> 19  
<211> 110  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2365794CD1

<400> 19			
Met Ala Ala Val Val	Ala Lys Arg Glu Gly	Pro Pro Phe Ile Ser	
1	5	10	15
Glu Ala Ala Val Arg	Gly Asn Ala Ala Val	Leu Asp Tyr Cys Arg	
	20	25	30
Thr Ser Val Ser Ala	Leu Ser Gly Ala	Thr Ala Gly Ile Leu Gly	
	35	40	45
Leu Thr Gly Leu Tyr	Gly Phe Ile Phe Tyr	Leu Leu Ala Ser Val	
	50	55	60
Leu Leu Ser Leu Leu	Ile Leu Lys Ala	Gly Arg Arg Trp Asn	
	65	70	75
Lys Tyr Phe Lys Ser	Arg Arg Pro Leu Phe	Thr Gly Gly Leu Ile	
	80	85	90
Gly Gly Leu Phe Thr	Tyr Val Leu Phe Trp	Thr Phe Leu Tyr Gly	
	95	100	105
Met Val His Val Tyr			
	110		

<210> 20  
<211> 571  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2618452CD1

<400> 20			
Met Pro Thr Gly Thr	Ile Pro Pro Pro Thr	Thr Leu Lys Ala Thr	
1	5	10	15
Gly Ser Thr His Thr	Ala Pro Pro Met Met	Pro Thr Thr Ser Gly	
	20	25	30
Thr Ser Gln Ala Ser	Ser Ser Phe Asn Thr	Ala Lys Thr Ser Thr	
	35	40	45
Ser Leu His Ser His	Thr Ser Ser Thr His	His His Pro Glu Val Thr	
	50	55	60
Pro Thr Ser Ile Thr	Asn Ile Thr Leu Asn	Pro Thr Ser Ile Gly	
	65	70	75
Thr Trp Thr Pro Val	Ala His Thr Thr Ser	Ala Thr Ser Ser Arg	
	80	85	90
Leu Thr Thr Pro Phe	Thr Thr His Ser Pro	Pro Pro Thr Gly Ser Ser	
	95	100	105
Pro Ile Ser Ser Thr	Gly Pro Met Thr Ala	Thr Ser Phe Gln Thr	
	110	115	120
Thr Thr Tyr Tyr	Thr Pro Pro Ser His	Pro Gln Thr Thr Leu Pro	
	125	130	135

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Thr	His	Val	Pro	Pro	Phe	Ser	Thr	Ser	Leu	Val	Thr	Pro	Ser	Thr
									145					150
His	Thr	Val	Ile	Ile	Thr	Thr	His	Thr	Gln	Met	Ala	Thr	Ser	Ala
									160					165
Ser	Ile	His	Ser		Thr	Pro	Thr	Gly	Thr	Val	Pro	Pro	Pro	Thr
									175					180
Leu	Lys	Ala	Thr	Gly	Ser	Thr	His	Thr	Ala	Pro	Pro	Met	Thr	Val
									190					195
Thr	Thr	Ser	Gly	Thr	Ser	Gln	Thr	His	Ser	Ser	Phe	Ser	Thr	Ala
									205					210
Thr	Ala	Ser	Ser	Ser	Phe	Ile	Ser	Ser	Ser	Ser	Trp	Ser	Ser	Trp
									220					225
Leu	Pro	Gln	Asn	Ser	Ser	Ser	Arg	Pro	Pro	Ser	Ser	Pro	Ile	Thr
									235					240
Thr	Gln	Leu	Pro	His	Leu	Ser	Ser	Ala	Thr	Thr	Pro	Val	Ser	Thr
									250					255
Thr	Asn	Gln	Leu	Ser	Ser	Ser	Phe	Ser	Pro	Ser	Pro	Ser	Ala	Pro
									265					270
Ser	Thr	Val	Ser	Ser	Tyr	Val	Pro	Ser	Ser	His	Ser	Ser	Pro	Gln
									280					285
Thr	Ser	Ser	Pro	Ser	Val	Gly	Thr	Ser	Ser	Phe	Val	Ser	Ala	
									295					300
Pro	Val	His	Ser	Thr	Thr	Leu	Ser	Ser	Gly	Ser	His	Ser	Ser	Leu
									310					315
Ser	Thr	His	Pro	Thr	Thr	Ala	Ser	Val	Ser	Ala	Ser	Pro	Leu	Phe
									325					330
Pro	Ser	Ser	Pro	Ala	Ala	Ser	Thr	Thr	Ile	Arg	Ala	Thr	Leu	Pro
									340					345
His	Thr	Ile	Ser	Ser	Pro	Phe	Thr	Leu	Ser	Ala	Leu	Leu	Pro	Ile
									355					360
Ser	Thr	Val	Thr	Val	Ser	Pro	Thr	Pro	Ser	Ser	His	Leu	Ala	Ser
									370					375
Ser	Thr	Ile	Ala	Phe	Pro	Ser	Thr	Pro	Arg	Thr	Thr	Ala	Ser	Thr
									385					390
His	Thr	Ala	Pro	Ala	Phe	Ser	Ser	Gln	Ser	Thr	Thr	Ser	Arg	Ser
									400					405
Thr	Ser	Leu	Thr	Thr	Arg	Val	Pro	Thr	Ser	Gly	Phe	Val	Ser	Leu
									415					420
Thr	Ser	Gly	Val	Thr	Gly	Ile	Pro	Thr	Ser	Pro	Val	Thr	Asn	Leu
									430					435
Thr	Thr	Arg	His	Pro	Gly	Pro	Thr	Leu	Ser	Pro	Thr	Thr	Arg	Phe
									445					450
Leu	Thr	Ser	Ser	Leu	Thr	Ala	His	Gly	Ser	Thr	Pro	Ala	Ser	Ala
									460					465
Pro	Val	Ser	Ser	Leu	Gly	Thr	Pro	Thr	Pro	Thr	Ser	Pro	Gly	Val
									475					480
Cys	Ser	Val	Arg	Glu	Gln	Gln	Glu	Glu	Ile	Thr	Phe	Lys	Gly	Cys
									490					495
Met	Ala	Asn	Val	Thr	Val	Thr	Arg	Cys	Glu	Gly	Ala	Cys	Ile	Ser
									505					510
Ala	Ala	Ser	Phe	Asn	Ile	Ile	Thr	Gln	Gln	Val	Asp	Ala	Arg	Cys
									520					525
Ser	Cys	Cys	Arg	Pro	Leu	His	Ser	Tyr	Glu	Gln	Gln	Leu	Glu	Leu
									535					540
Pro	Cys	Pro	Asp	Pro	Ser	Thr	Pro	Gly	Arg	Arg	Leu	Val	Leu	Thr
									550					555
Leu	Gln	Val	Phe	Ser	His	Cys	Val	Cys	Ser	Ser	Val	Ala	Cys	Gly
									565					570
									560					

Asp

&lt;210&gt; 21

&lt;211&gt; 262

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 2622288CD1

WO 00/68380

&lt;400&gt; 21

Met	Val	Ala	Trp	Arg	Ser	Ala	Phe	Leu	Val	Cys	Leu	Ala	Phe	Ser
1				5					10					15
Leu	Ala	Thr	Leu	Val	Gln	Arg	Gly	Ser	Gly	Asp	Phe	Asp	Asp	Phe
					20				25					30
Asn	Leu	Glu	Asp	Ala	Val	Lys	Glu	Thr	Ser	Ser	Val	Lys	Gln	Pro
					35				40					45
Trp	Asp	His	Thr	Thr	Thr	Thr	Thr	Asn	Arg	Pro	Gly	Thr	Thr	
					50				55					60
Arg	Ala	Pro	Ala	Lys	Pro	Pro	Gly	Ser	Gly	Leu	Asp	Leu	Ala	Asp
					65				70					75
Ala	Leu	Asp	Asp	Gln	Asp	Asp	Gly	Arg	Arg	Lys	Pro	Gly	Ile	Gly
					80				85					90
Gly	Arg	Glu	Arg	Trp	Asn	His	Val	Thr	Thr	Thr	Lys	Arg	Pro	
					95				100					105
Val	Thr	Thr	Arg	Ala	Pro	Ala	Asn	Thr	Leu	Gly	Asn	Asp	Phe	Asp
					110				115					120
Leu	Ala	Asp	Ala	Leu	Asp	Asp	Arg	Asn	Asp	Arg	Asp	Asp	Gly	Arg
					125				130					135
Arg	Lys	Pro	Ile	Ala	Gly	Gly	Gly	Phe	Ser	Asp	Lys	Asp	Leu	
					140				145					150
Glu	Asp	Ile	Val	Gly	Gly	Gly	Glu	Tyr	Lys	Pro	Asp	Lys	Gly	Lys
					155				160					165
Gly	Asp	Gly	Arg	Tyr	Gly	Ser	Asn	Asp	Asp	Pro	Gly	Ser	Gly	Met
					170				175					180
Val	Ala	Glu	Pro	Gly	Thr	Ile	Ala	Gly	Val	Ala	Ser	Ala	Leu	Ala
					185				190					195
Met	Ala	Leu	Ile	Gly	Ala	Val	Ser	Ser	Tyr	Ile	Ser	Tyr	Gln	Gln
					200				205					210
Lys	Lys	Phe	Cys	Phe	Ser	Ile	Gln	Gln	Gly	Leu	Asn	Ala	Asp	Tyr
					215				220					225
Val	Lys	Gly	Glu	Asn	Leu	Glu	Ala	Val	Val	Cys	Glu	Glu	Pro	Gln
					230				235					240
Val	Lys	Tyr	Ser	Thr	Leu	His	Thr	Gln	Ser	Ala	Glu	Pro	Pro	Pro
					245				250					255
Pro	Pro	Glu	Pro	Ala	Arg	Ile								
					260									

&lt;210&gt; 22

&lt;211&gt; 172

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 2806595CD1

&lt;400&gt; 22

Met	Gly	Leu	Leu	Leu	Leu	Val	Pro	Leu	Leu	Leu	Leu	Pro	Gly	Ser
1					5				10					15
Tyr	Gly	Leu	Pro	Phe	Tyr	Asn	Gly	Phe	Tyr	Tyr	Ser	Asn	Ser	Ala
					20				25					30
Asn	Asp	Gln	Asn	Leu	Gly	Asn	Gly	His	Gly	Lys	Asp	Leu	Leu	Asn
					35				40					45
Gly	Val	Lys	Leu	Val	Val	Glu	Thr	Pro	Glu	Glu	Thr	Leu	Phe	Thr
					50				55					60
Tyr	Gln	Gly	Ala	Ser	Val	Ile	Leu	Pro	Cys	Arg	Tyr	Arg	Tyr	Glu
					65				70					75
Pro	Ala	Leu	Val	Ser	Pro	Arg	Arg	Val	Arg	Val	Lys	Trp	Trp	Lys
					80				85					90
Leu	Ser	Glu	Asn	Gly	Ala	Pro	Glu	Lys	Asp	Val	Leu	Val	Ala	Ile
					95				100					105
Gly	Leu	Arg	His	Arg	Ser	Phe	Gly	Asp	Tyr	Gln	Gly	Arg	Val	His
					110				115					120
Leu	Arg	Gln	Asp	Lys	Glu	His	Asp	Val	Ser	Leu	Glu	Ile	Gln	Asp
					125				130					135
Leu	Arg	Leu	Glu	Asp	Tyr	Gly	Arg	Tyr	Arg	Cys	Glu	Val	Ile	Asp
					140				145					150

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Gly Leu Glu Asp Glu Ser Gly Leu Val Glu Leu Glu Leu Arg Gly  
 155 160 165  
 Glu Met Leu Thr Gly Thr Gly  
 170

<210> 23  
<211> 571  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2850987CD1

<400> 23

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Ser	Leu	Ala	Asp	Tyr	Leu	Thr	Ser	Ala	Lys	Phe	Leu	Leu	Tyr	Leu
	20							25			30			
Gly	His	Ser	Leu	Ser	Thr	Trp	Gly	Asp	Arg	Met	Trp	His	Phe	Ala
	35							40			45			
Val	Ser	Val	Phe	Leu	Val	Glu	Leu	Tyr	Gly	Asn	Ser	Leu	Leu	Leu
	50					55					60			
Thr	Ala	Val	Tyr	Gly	Leu	Val	Val	Ala	Gly	Ser	Val	Leu	Val	Leu
	65						70				75			
Gly	Ala	Ile	Ile	Gly	Asp	Trp	Val	Asp	Lys	Asn	Ala	Arg	Leu	Lys
	80						85				90			
Val	Ala	Gln	Thr	Ser	Leu	Val	Val	Gln	Asn	Val	Ser	Val	Ile	Leu
	95						100				105			
Cys	Gly	Ile	Ile	Leu	Met	Met	Val	Phe	Leu	His	Lys	His	Glu	Leu
	110						115				120			
Leu	Thr	Met	Tyr	His	Gly	Trp	Val	Leu	Thr	Ser	Cys	Tyr	Ile	Leu
	125						130				135			
Ile	Ile	Thr	Ile	Ala	Asn	Ile	Ala	Asn	Leu	Ala	Ser	Thr	Ala	Thr
	140						145				150			
Ala	Ile	Thr	Ile	Gln	Arg	Asp	Trp	Ile	Val	Val	Val	Ala	Gly	Glu
	155						160				165			
Asp	Arg	Ser	Lys	Leu	Ala	Asn	Met	Asn	Ala	Thr	Ile	Arg	Arg	Ile
	170						175				180			
Asp	Gln	Leu	Thr	Asn	Ile	Leu	Ala	Pro	Met	Ala	Val	Gly	Gln	Ile
	185						190				195			
Met	Thr	Phe	Gly	Ser	Pro	Val	Ile	Gly	Cys	Gly	Phe	Ile	Ser	Gly
	200						205				210			
Trp	Asn	Leu	Val	Ser	Met	Cys	Val	Glu	Tyr	Val	Leu	Leu	Trp	Lys
	215						220				225			
Val	Tyr	Gln	Lys	Thr	Pro	Ala	Leu	Ala	Val	Lys	Ala	Gly	Leu	Lys
	230						235				240			
Glu	Glu	Glu	Thr	Glu	Leu	Lys	Gln	Leu	Asn	Leu	His	Lys	Asp	Thr
	245						250				255			
Glu	Pro	Lys	Pro	Leu	Glu	Gly	Thr	His	Leu	Met	Gly	Val	Lys	Asp
	260						265				270			
Ser	Asn	Ile	His	Glu	Leu	Glu	His	Glu	Gln	Glu	Pro	Thr	Cys	Ala
	275						280				285			
Ser	Gln	Met	Ala	Glu	Pro	Phe	Arg	Thr	Phe	Arg	Asp	Gly	Trp	Val
	290						295				300			
Ser	Tyr	Tyr	Asn	Gln	Pro	Val	Phe	Leu	Ala	Gly	Met	Gly	Leu	Ala
	305						310				315			
Phe	Leu	Tyr	Met	Thr	Val	Leu	Gly	Phe	Asp	Cys	Ile	Thr	Thr	Gly
	320						325				330			
Tyr	Ala	Tyr	Thr	Gln	Gly	Leu	Ser	Gly	Ser	Ile	Leu	Ser	Ile	Leu
	335						340				345			
Met	Gly	Ala	Ser	Ala	Ile	Thr	Gly	Ile	Met	Gly	Thr	Val	Ala	Phe
	350						355				360			
Thr	Trp	Leu	Arg	Arg	Lys	Cys	Gly	Leu	Val	Arg	Thr	Gly	Leu	Ile
	365						370				375			
Ser	Gly	Leu	Ala	Gln	Leu	Ser	Cys	Leu	Ile	Leu	Cys	Val	Ile	Ser
	380						385				390			
Val	Phe	Met	Pro	Gly	Ser	Pro	Leu	Asp	Leu	Ser	Val	Ser	Pro	Phe

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395	400	405
Glu Asp Ile Arg Ser Arg Phe Ile Gln	Gly Glu Ser Ile Thr Pro	
410	415	420
Thr Lys Ile Pro Glu Ile Thr Thr Glu	Ile Tyr Met Ser Asn Gly	
425	430	435
Ser Asn Ser Ala Asn Ile Val Pro Glu	Thr Ser Pro Glu Ser Val	
440	445	450
Pro Ile Ile Ser Val Ser Leu Leu Phe	Ala Gly Val Ile Ala Ala	
455	460	465
Arg Ile Gly Leu Trp Ser Phe Asp Leu	Thr Val Thr Gln Leu Leu	
470	475	480
Gln Glu Asn Val Ile Glu Ser Glu Arg	Gly Ile Ile Asn Gly Val	
485	490	495
Gln Asn Ser Met Asn Tyr Leu Leu Asp	Leu Leu His Phe Ile Met	
500	505	510
Val Ile Leu Ala Pro Asn Pro Glu Ala	Phe Gly Leu Leu Val Leu	
515	520	525
Ile Ser Val Ser Phe Val Ala Met Gly	His Ile Met Tyr Phe Arg	
530	535	540
Phe Ala Gln Asn Thr Leu Gly Asn Lys	Leu Phe Ala Cys Gly Pro	
545	550	555
Asp Ala Lys Glu Val Arg Lys Glu Asn	Gln Ala Asn Thr Ser Val	
560	565	570

Val

&lt;210&gt; 24

&lt;211&gt; 455

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 3557211CD1

&lt;400&gt; 24

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Asn Val Gly Leu Leu Pro Leu Glu Ile	Ile Arg Arg Gly Tyr Ser	
35	40	45
Met Asp Ser Ala Phe Val Gly Ile Lys Val	Asn Gln Val Ser Ala	
50	55	60
Ala Val Gly Lys Asp Phe Thr Val Ile Pro	Ser Lys Leu Ile Gln	
65	70	75
Phe Asp Pro Gly Met Ser Thr Lys Met Trp	Asn Ile Ala Ile Thr	
80	85	90
Tyr Asp Gly Leu Glu Glu Asp Asp Glu Val	Phe Glu Val Ile Leu	
95	100	105
Asn Ser Pro Val Asn Ala Val Leu Gly	Thr Lys Thr Lys Ala Ala	
110	115	120
Val Lys Ile Leu Asp Ser Lys Gly Gly	Gln Cys His Pro Ser Tyr	
125	130	135
Ser Ser Asn Gln Ser Lys His Ser Thr	Trp Glu Lys Gly Ile Trp	
140	145	150
His Leu Leu Pro Pro Gly Ser Ser Ser	Ser Thr Thr Ser Gly Ser	
155	160	165
Phe His Leu Glu Arg Arg Pro Leu Pro	Ser Ser Met Gln Leu Ala	
170	175	180
Val Ile Arg Gly Asp Thr Leu Arg Gly	Phe Asp Ser Thr Asp Leu	
185	190	195
Ser Gln Arg Lys Leu Arg Thr Arg Gly	Asn Gly Lys Thr Val Arg	
200	205	210
Pro Ser Ser Val Tyr Arg Asn Gly Thr	Asp Ile Ile Tyr Asn Tyr	
215	220	225
His Gly Ile Val Ser Leu Lys Leu Glu	Asp Asp Ser Phe Pro Thr	
230	235	240
His Lys Arg Lys Ala Lys Val Ser Ile Ile	Ser Gln Pro Gln Lys	

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	245		250		255
Thr Ile Lys Val Ala Glu Leu Pro Gln Ala Asp Lys Val Glu Ser	260	265	270		
His Phe Pro Arg Gln Asp Gln Leu Pro Ser Phe	275	280	285		
Pro Lys Asn Cys Thr Leu Glu Leu Lys Gly Leu Phe His Phe Glu	290	295	300		
Glu Gly Ile Gln Lys Leu Tyr Gln Cys Asn Gly Ile Ala Trp Lys	305	310	315		
Ala Trp Ser Pro Gln Thr Lys Asp Val Glu Asp Lys Ser Cys Pro	320	325	330		
Ala Gly Trp His Gln His Ser Gly Tyr Cys His Ile Leu Ile Thr	335	340	345		
Glu Gln Lys Gly Thr Trp Asn Ala Ala Ala Gln Ala Cys Arg Glu	350	355	360		
Gln Tyr Leu Gly Asn Leu Val Thr Val Phe Ser Arg Gln His Met	365	370	375		
Arg Trp Leu Trp Asp Ile Gly Gly Arg Lys Ser Phe Trp Ile Gly	380	385	390		
Leu Asn Asp Gln Val His Ala Gly His Trp Glu Trp Ile Gly Gly	395	400	405		
Glu Pro Val Ala Phe Thr Asn Gly Arg Arg Gly Pro Ser Pro Arg	410	415	420		
Ser Lys Leu Gly Lys Ser Cys Val Leu Val Gln Arg Gln Gly Lys	425	430	435		
Trp Gln Thr Lys Asp Cys Arg Arg Ala Lys Pro His Asn Tyr Val	440	445	450		
Cys Ser Arg Lys Leu	455				

&lt;210&gt; 25

&lt;211&gt; 437

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 4675668CD1

&lt;400&gt; 25

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His Ala Pro Leu Ala Asp Gln Ile Leu Ala Gly Asn Ala Val Arg	20	25	30	
Ala Gly Val Arg Glu Lys Arg Arg Gly Arg Gly Thr Gly Glu Ala	35	40	45	
Glu Glu Glu Tyr Val Gly Pro Arg Leu Ser Arg Arg Ile Leu Gln	50	55	60	
Gln Ala Arg Gln Gln Glu Glu Leu Glu Ala Glu His Gly Thr	65	70	75	
Gly Asp Lys Pro Ala Ala Pro Arg Glu Arg Thr Thr Arg Leu Gly	80	85	90	
Pro Arg Met Pro Gln Asp Gly Ser Asp Asp Glu Asp Glu Glu Trp	95	100	105	
Pro Thr Leu Glu Lys Ala Ala Thr Met Thr Ala Ala Gly His His	110	115	120	
Ala Glu Val Val Val Asp Pro Glu Asp Glu Arg Ala Ile Glu Met	125	130	135	
Phe Met Asn Lys Asn Pro Pro Ala Arg Arg Thr Leu Ala Asp Ile	140	145	150	
Ile Met Glu Lys Leu Thr Glu Lys Gln Thr Glu Val Glu Thr Val	155	160	165	
Met Ser Glu Val Ser Gly Phe Pro Met Pro Gln Leu Asp Pro Arg	170	175	180	
Val Leu Glu Val Tyr Arg Gly Val Arg Glu Val Leu Ser Lys Tyr	185	190	195	
Arg Ser Gly Lys Leu Pro Lys Ala Phe Lys Ile Ile Pro Ala Leu	200	205	210	

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<210> 26  
<211> 2893  
<212> DNA  
<213> *Homo sapiens*

<220>  
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tggccagt	gtcttgc
aaaattgt	gcaagaaat
aaaaggaaaa	ccagtttgc
catctctcat	caaggagact
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aaaaagaaaa	tttaccaaca
tcagctggat	atgtttata
tgttggacta	ggatttgaat
tataggccaa	gttataaaag
ggcatttgag	gaaagcaaaa
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atttactatt	ctcaacttta
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cagaaaacctt	tccaattaaa
tacatgttta	ccttttctt
ttaaaagtgtat	acatgcta
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	atattgacat
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ccggaaagaa	gggggtgggg
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ttccaggatc	aaagtggaaat
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ttccaggatc	taaacttggaa
ccatttgtt	ggagagggaaag
tcaggatgat	aaaaagaatg
tcaggatgat	tttagaaacc
tcaggatgat	900
tcaggatgat	cccagaggca
gtcatctgcc	960
agaagaaatt	1020
aatggaaact	cacctgaaga
tttggat	1080
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ttttatcc	1140
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tttggat	1500

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 aaaaaaaaaaaa aaa 2893

&lt;210&gt; 27

&lt;211&gt; 2276

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 1258888CB1

&lt;400&gt; 27

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 <211> 2016  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No: 1375891CB1

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&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte ID No: 1833221CB1

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&lt;211&gt; 2849

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&lt;213&gt; Homo sapiens

WO 00/68380

&lt;220&gt;

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&lt;223&gt; Incyte ID No: 2041168CB1

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&lt;211&gt; 670

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&lt;213&gt; Homo sapiens

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PCT/US00/12811

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WO 00/68380

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 <212> DNA  
 <213> Homo sapiens

<220>  
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<220>  
<221> misc\_feature  
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<213> Homo sapiens

<220>  
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